

## State Water Resources Control Board

### UST CASE CLOSURE SUMMARY

#### Agency Information

Current Agency Name: Orange County Health Care Agency	Address: 1241 East Dyer Road, Suite 120 Santa Ana, CA 92705-5611
Current Agency Caseworker: Ms. Julie Wozencraft	Case No.: 87UT171

#### Case Information

USTCF Claim No.: None	Global ID: T0605900497
Site Name: Mobil #18-JQY	Site Address: 17591 Yorba Linda Boulevard Yorba Linda, CA 92886 (Site)
Responsible Party: Circle K Stores, Inc. Attention: Mr. Rex Abacan	Address: 255 East Rincon, Suite 100 Corona, CA 92879
USTCF Expenditures to Date: N/A	Number of Years Case Open: 28

URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0605900497](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900497)

#### Summary

The Low-Threat Underground Storage Tank (UST) Case Closure Policy (Policy) contains general and media-specific criteria, and cases that meet those criteria are appropriate for closure pursuant to the Policy. This case meets all of the required criteria of the Policy.

The release at the Site was discovered in August 1987, when petroleum constituents were identified in soil samples obtained during UST removal from the Site. One gasoline UST and one waste oil UST were removed. An unknown quantity of impacted soil was over-excavated and disposed off-site. Subsequent subsurface investigations from 1987 through 2003 identified concentrations of petroleum constituents in soil from 10 to 40 feet below ground surface (bgs). Overpurgings of impacted groundwater was conducted at the Site in February 1998. Approximately 36,940 gallons of petroleum impacted groundwater was extracted through the second quarter 2007.

Eight High Vacuum Dual Phase Extraction events were performed at the Site from May 1999 through April 2000 and removed over 12,300 gallons of impacted groundwater and 321.7 pounds of vapor phase hydrocarbons. Soil Vapor Extraction (SVE) was performed at the Site from July 2005 through July 2006, and again from March 2007 through November 2008. The SVE events removed over 1,200 pounds of vapor phase hydrocarbons from July 2005 through November 2008. The Site is operated as an active fueling facility.

Mobil #18-JQY  
17591 Yorba Linda Boulevard, Yorba Linda, Orange County

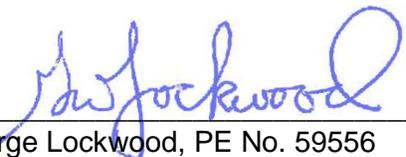
Groundwater was measured at approximately 30 feet bgs. The groundwater plume that exceeds water quality objectives (WQOs) is less than 100 feet in length. The nearest public supply well and surface water body are greater than 250 feet from the Site. Additional corrective action will not likely change the conceptual site model. Residual petroleum constituents pose a low risk to human health, safety, and the environment.

### Rationale for Closure under the Policy

- General Criteria – Site **MEETS ALL EIGHT GENERAL CRITERIA** under the Policy.
- Groundwater Media-Specific Criteria – Site meets the criteria in **CLASS 1**. The contaminant plume that exceeds WQOs is less than 100 feet in length. There is no free product. The nearest water supply well or surface water body is greater than 250 feet from the defined plume boundary.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets **EXCEPTION** for vapor intrusion to indoor air. The Site is an active fueling facility and car wash and has no release characteristics that can be reasonably believed to pose an unacceptable health risk. Exposure to petroleum vapors associated with historical fuel system releases is comparatively insignificant relative to exposures from small surface spills and fugitive vapor releases that typically occur at active petroleum fueling facilities.
- Direct Contact and Outdoor Air Exposure Criteria – Site meets **CRITERION 3 (a)**. Maximum concentrations of residual petroleum constituents in soil are less than or equal to those listed in Table 1 of the Policy.

### Recommendation for Closure

The corrective action performed at this Site ensures the protection of human health, safety, and the environment, and is consistent with chapter 6.7 of the Health and Safety Code and implementing regulations, applicable state policies for water quality control, and the applicable water quality control plan, and case closure is recommended.



George Lockwood, PE No. 59556  
Senior Water Resource Control Engineer

2/23/2015

Date

